

Figure 1.

- 1 acquire data**
- 2 process signal**
- 3 separate colors**
- 4 remove primers**
- 5 track sizes**
- 6 extract profiles**

Figure 2.

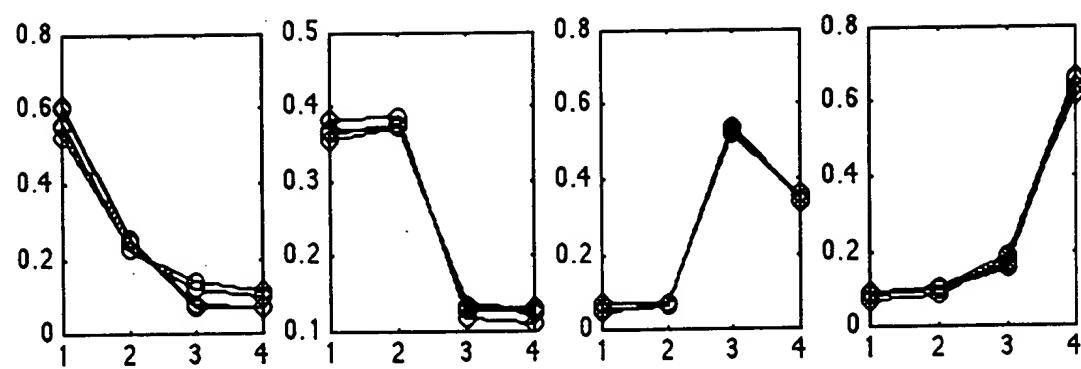


Figure 3.

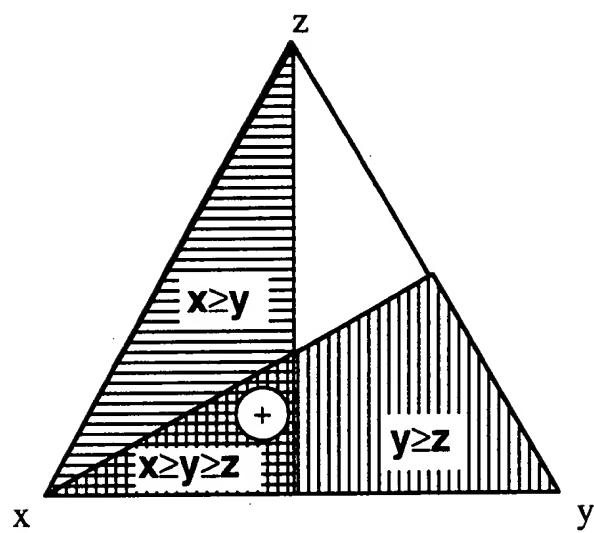


Figure 4.

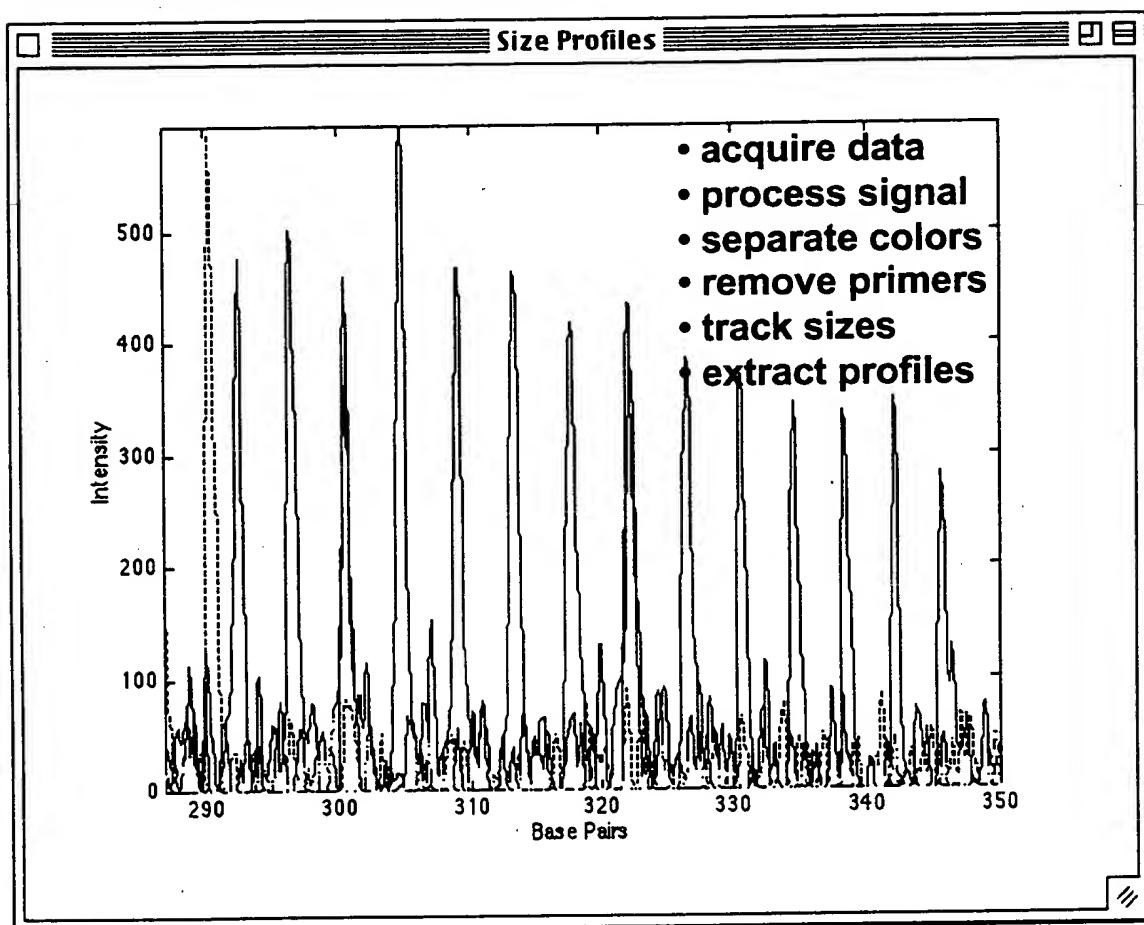


Figure 5.

- 7 derive allelic ladder
- 8 transform coordinates
- 9 quantitate trace
- 10 analyze data

Figure 6.

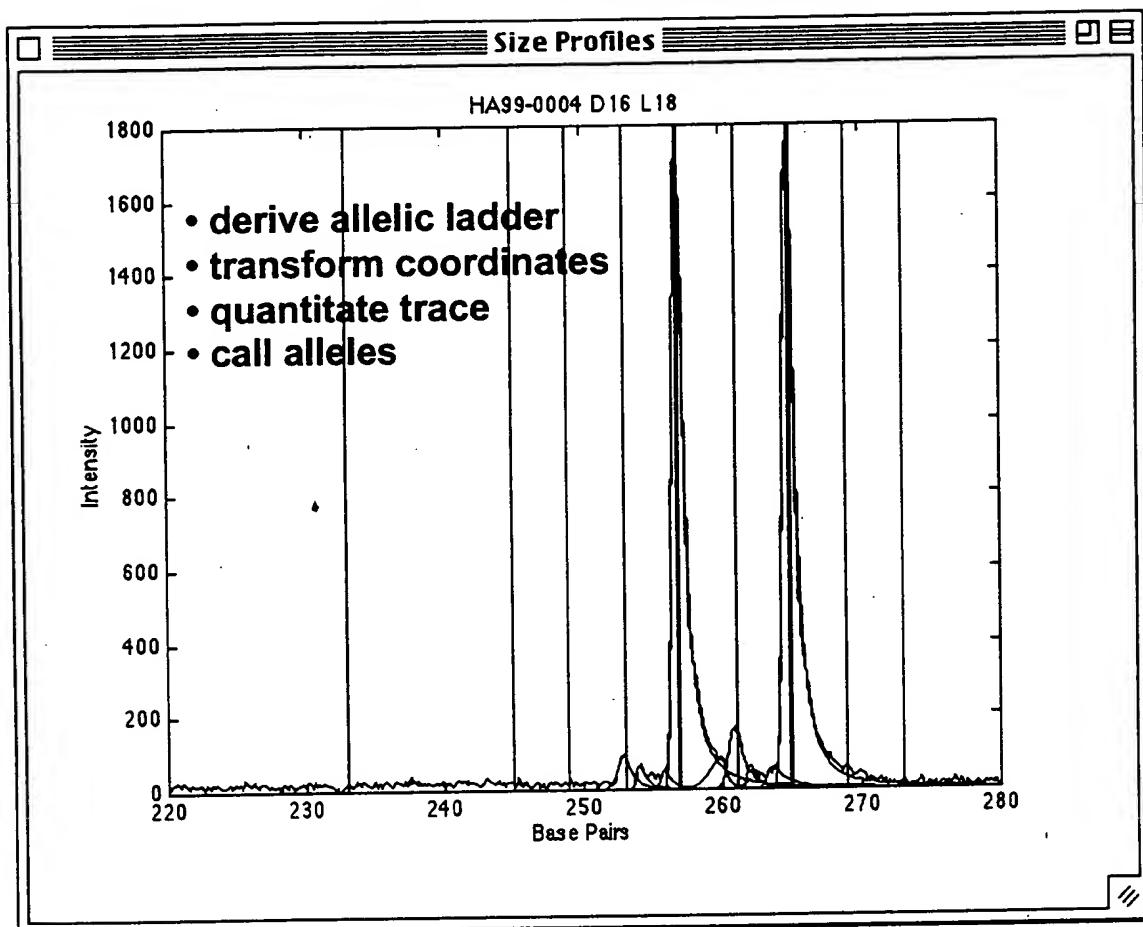


Figure 7.

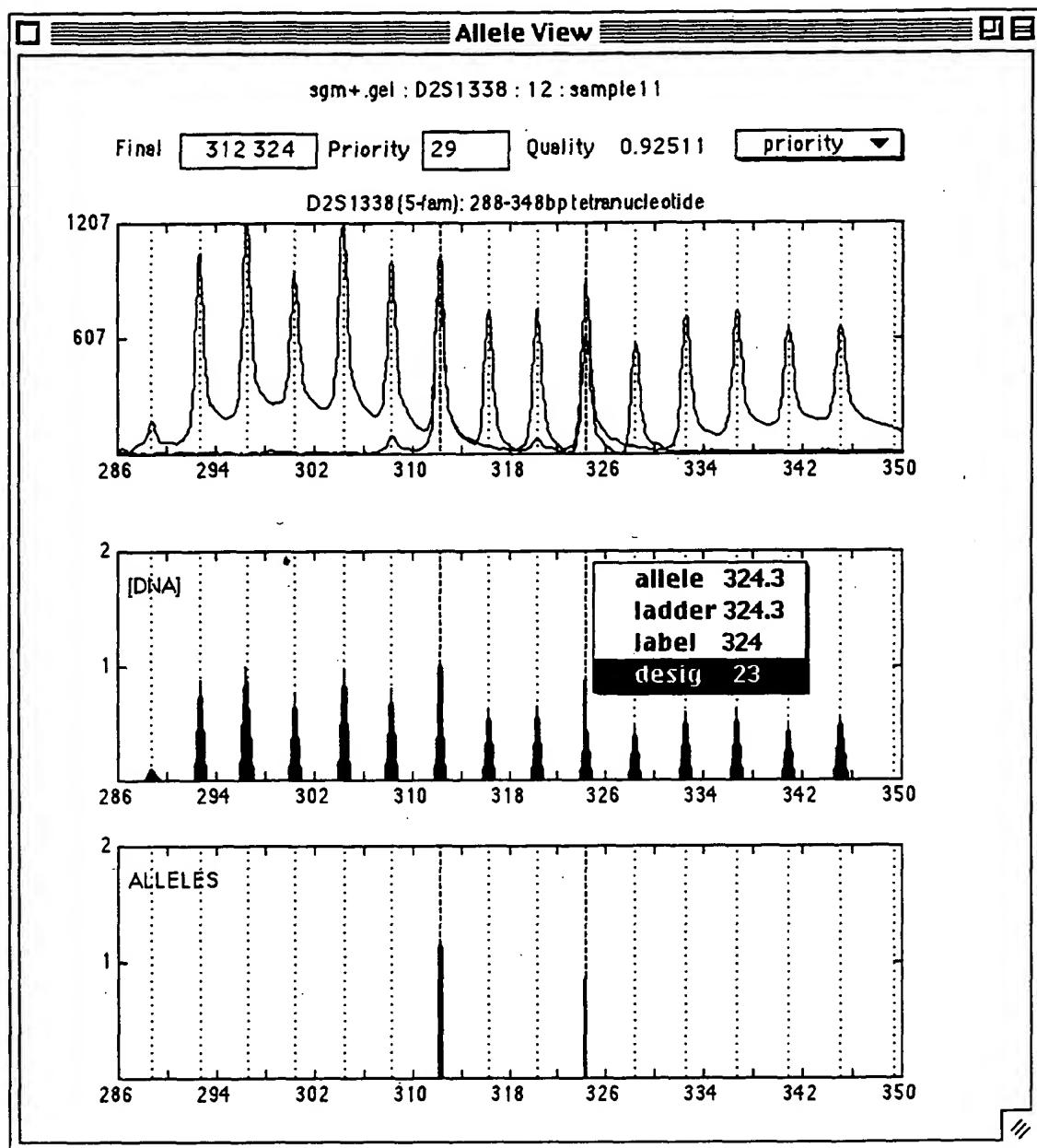


Figure 8.

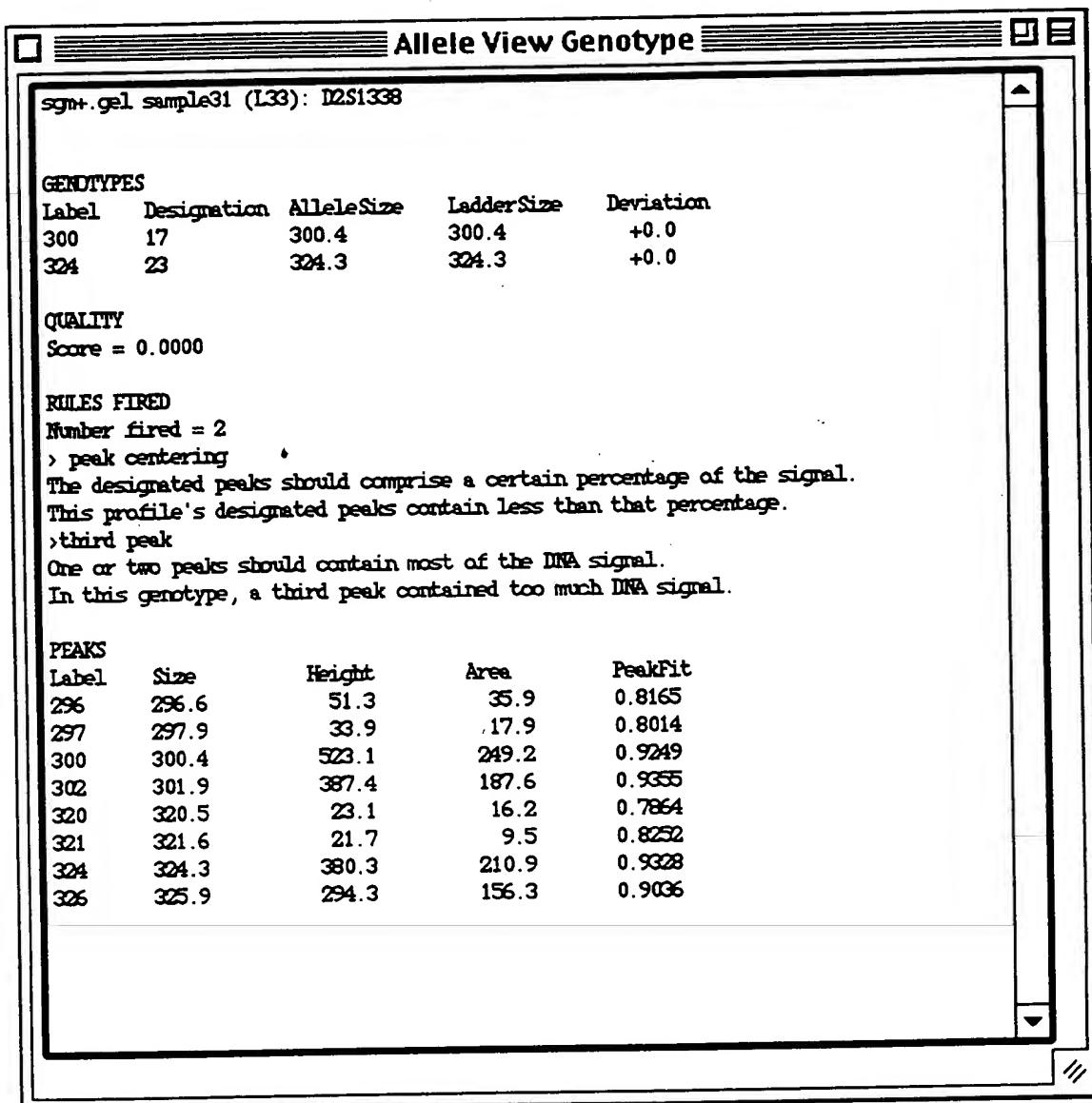


Figure 9.

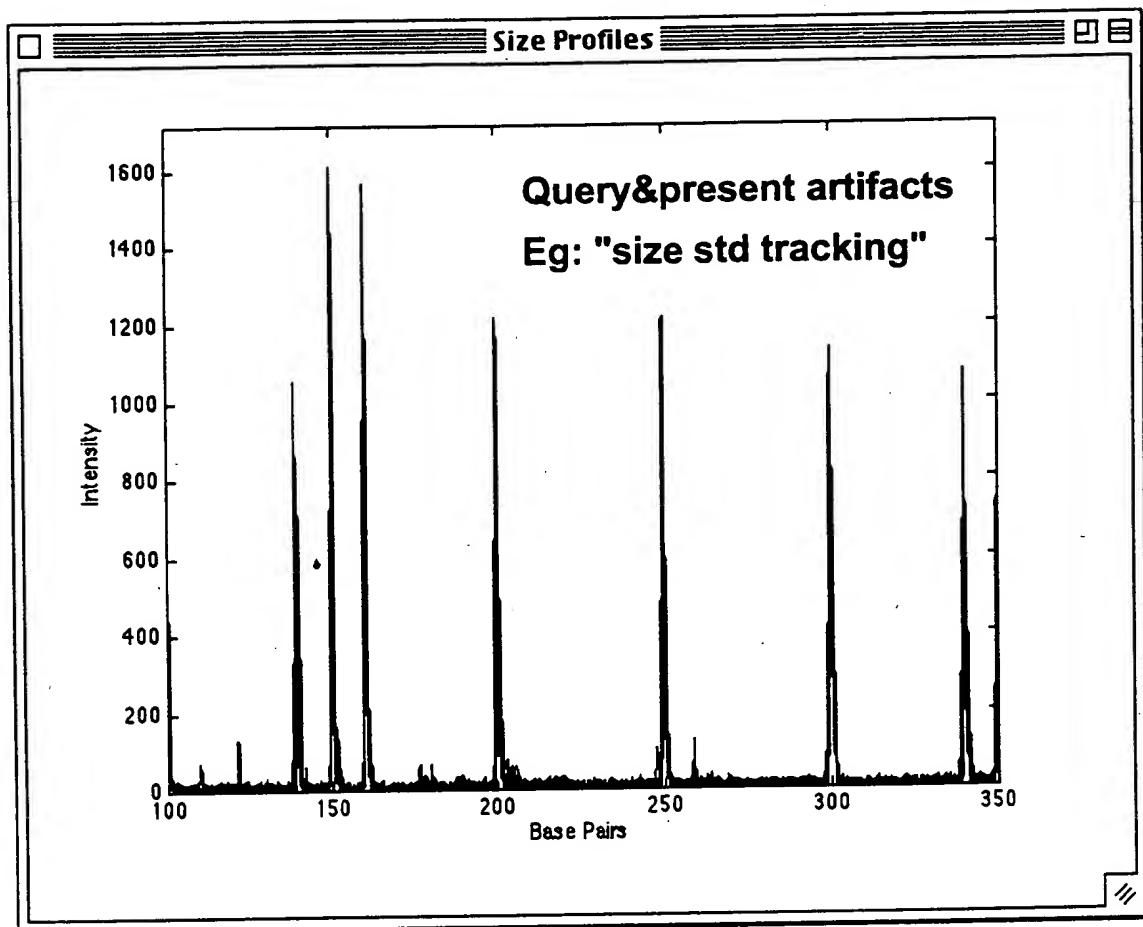


Figure 10.

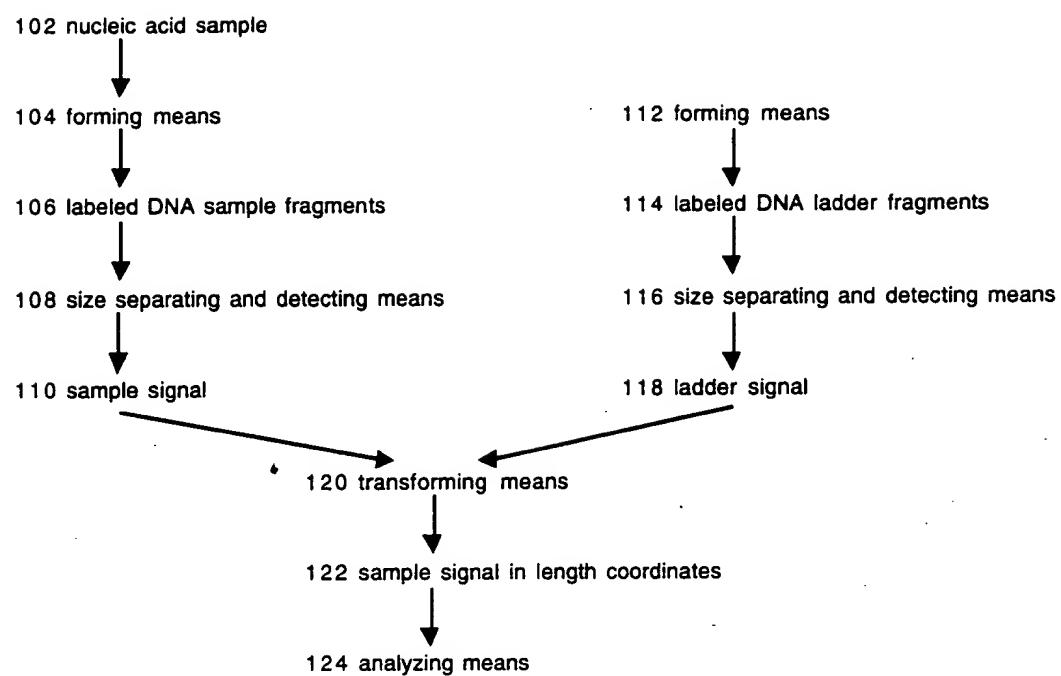


Figure 11.

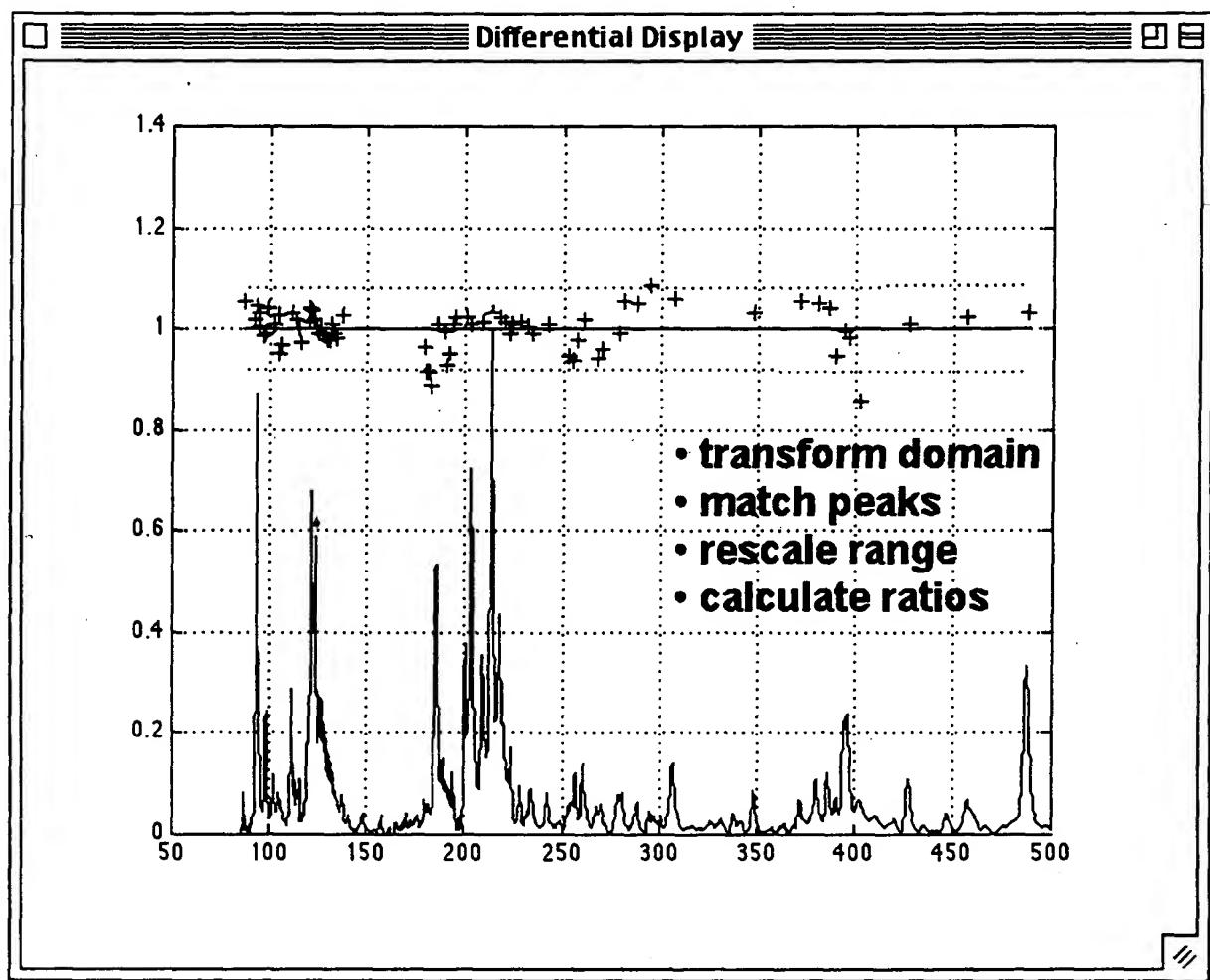


Figure 12

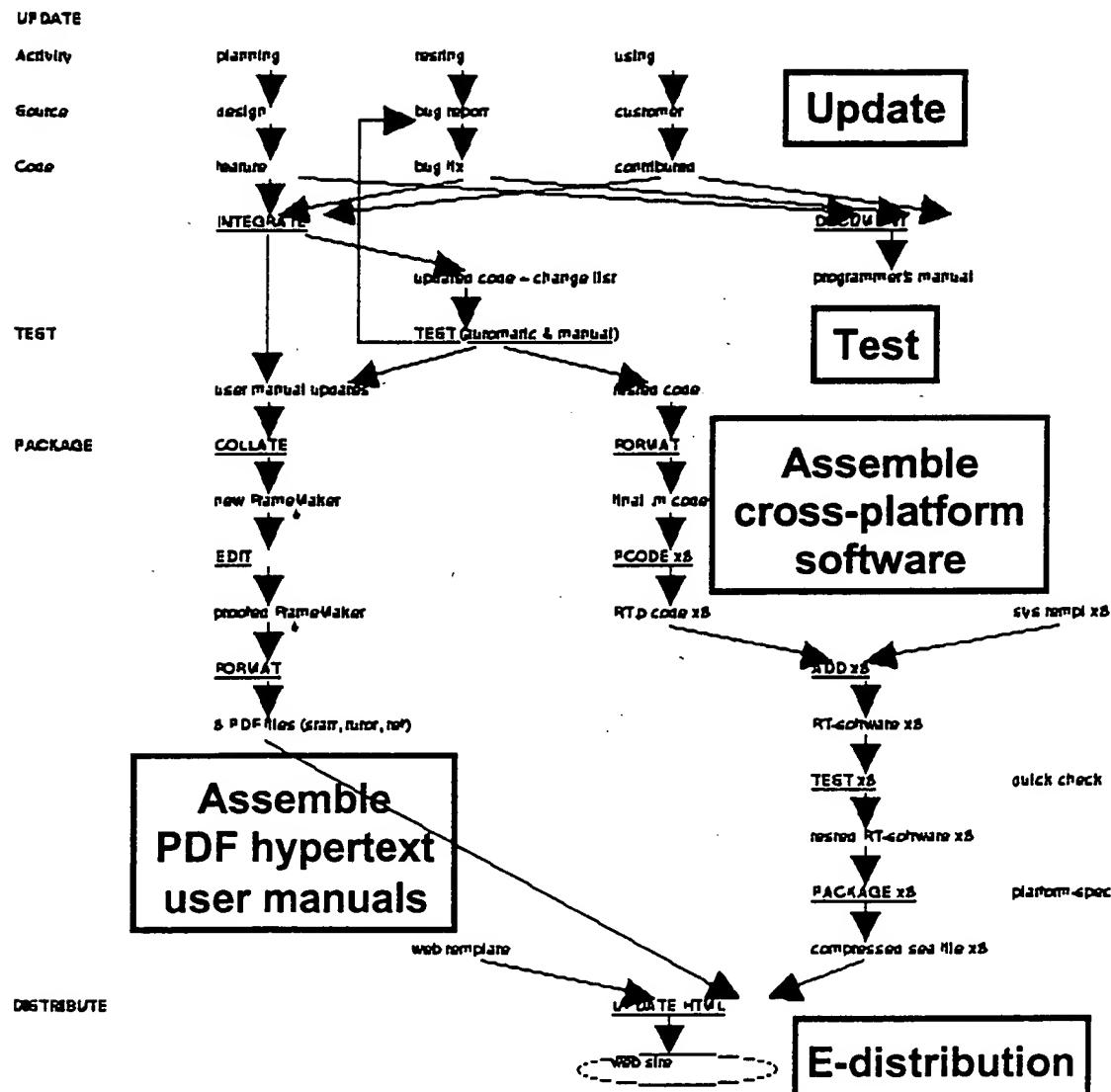


Figure 13

	A	B	C	D	E	F
20						
21	PEOPLE COST	\$1,024,000				
22	PER GENOTYPE	\$1.02				
23						
24	Breakdown	per person				
25	salary	\$25,000		Throughput	per day	per year
26	benefits	\$6,250		runs	8	2,000
27	space	\$2,000		genotypes	4,000	1,000,000
28	computer	\$2,000				
29	software	\$10,000				
30	management	\$6,250				
31	overhead	\$12,500				
32	COST	\$64,000				
33						
34	Assumptions			Scoring		
35	benefit rate	0.25		calls/person	500	125,000
36	sq feet/person	100				
37	cost/sq foot yr	\$20				
38	managing rate	0.25				
39	overhead rate	0.50				
40						
				PEOPLE	16	
				Assumptions		
				genotypes/run	500	
				days/year	250	
				people/call	2	

Figure 14.

